

What is claimed is:

1. A radio receiver comprising:

channel memory means for pre-registering a plurality of
desired channels,

5 a channel register key for performing manipulation of
registering a desired channel in the channel memory means,

time detection means for detecting current time,

information processing means for registering in the
channel memory means a frequency of a channel in tuned and

10 registering time detected by the time detection means as

register time upon the channel register key being

manipulated, when the channel register key is manipulated
with the channel tuned in,

easy tuning key for performing manipulation of tuning in

15 to a desired channel, and

tuning control means for comparing time of easy tuning
key manipulation detected by the time detection means
immediately when the key is manipulated with register time
of each channel registered in the channel memory means, and

20 specifying a channel of which register time is closest to
the time of the key manipulation out of one or a plurality
of channels registered in the channel memory means, and
commanding tuning operation of the channel.

2. A radio receiver according to claim 1 wherein the

information processing means comprises:

register checking means for checking whether when the channel register key is manipulated with a channel tuned in, a channel of which a frequency is same as a frequency of

5 the channel tuned in is registered in the channel memory means,

first register processing means for registering in the channel memory means a frequency of the channel tuned in and registering in the channel memory means time as

10 register time detected by the time detection means upon the channel register key being manipulated, in the case where a channel of which a frequency is same as a frequency of the channel tuned in is not registered in the channel memory means,

15 time difference checking means for comparing the register time of the channel of the same frequency with time detected by the time detection means upon the channel register key being manipulated, and checking whether time difference between the register time and the time detected
20 is not greater than a predetermined value, in the case where a channel of which a frequency is same as a frequency of the channel tuned in is registered in the channel memory means, and

second register processing means for registering in the

09955555-11901

channel memory means the frequency of the channel tuned in and registering in the channel memory means the time as register time detected by the time detection means upon the channel register key being manipulated, in the case where
 5 the time difference between the register time and the time detected is greater than the predetermined value.

3. A radio receiver according to claim 2 wherein the information processing means further comprises information update means for updating the register time of the channel
 10 of which a frequency is same as a frequency of the channel tuned in to the time detected by the time detection means upon the channel registering key being manipulated, in the case where the time difference between the two times stated above is not greater than the predetermined value according
 15 to the time difference checking means.

4. A radio receiver according to claim 1 wherein the tuning control means comprises:

order recognition means for recognizing order of the register time being close to time of the first manipulation
 20 of the easy tuning key with a plurality of channels registered in the channel memory means corresponding to the first manipulation of the key,

tuning command means for specifying a channel of which register time is closest to the time of the first key

manipulation out of a plurality of channels registered in the channel memory means based on the order recognized by the order recognition means corresponding to the first manipulation of the easy tuning key, and commanding tuning operation of the channel, and

channel change-over control means for specifying a channel of which register time is closest in the next place of the channel tuned in to the time of the first key manipulation out of a plurality of channels registered in the channel memory means based on the order recognized by the order recognition means corresponding to the second and later manipulation of the easy tuning key.

5. A radio receiver according to claim 4 wherein the channel change-over control means comprises:

channel specifying means for specifying a channel of which register time is closest in the next place of the channel tuned in to the time of the first key manipulation out of the plurality of channels registered in the channel memory means corresponding to the second and later manipulation of the easy tuning key, or to channel specifying command based on the order recognized by the order recognition means,

checking means for checking whether a channel is registered in the channel memory means, which has a same

frequency as the specified channel and of which register time is closer to the time of the first key manipulation than the specified channel,

change-over command means for commanding tuning change-over operation for changing-over a received channel to the specified channel, in the case where the channel is not registered, and

channel specifying command means for giving channel specifying command to the channel specifying means, in the case where the channel is registered.